

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	1	(authentication and perceptible and halftone and macro and structure and conjugate and superposed and negative and correlation and contrast)	US-PGPUB; USPAT

	Type	L #	Hits	Search Text	DBs
1	BRS	L2	3643	watermark\$4	USPAT
2	BRS	L3	271	2 and halfton\$4	USPAT
3	BRS	L4	186	3 and copyright\$3	USPAT
4	BRS	L5	82	4 and contrast	USPAT


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

☐ Search Results
[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "( ( watermark&lt;in&gt;metadata ) &lt;and&gt; ( document&lt;in&gt;metadata ) )&lt;and&gt; ( halftone..."

☐ e-mail

Your search matched 1 of 1428539 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

## » Search Options

[View Session History](#)[New Search](#)

## Modify Search

( ( watermark&lt;in&gt;metadata ) &lt;and&gt; ( document&lt;in&gt;metadata ) )&lt;and&gt; ( halftone&lt;in&gt;

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

## » Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[Select All](#) [Deselect All](#)

- ☒ 1. A new public-key authentication watermarking for binary document image parity attacks  
 Hae Yong Kim;  
Image Processing, 2005. ICIP 2005. IEEE International Conference on  
 Volume 2, 11-14 Sept. 2005 Page(s):II - 1074-7  
 Digital Object Identifier 10.1109/ICIP.2005.1530245  
[AbstractPlus](#) | Full Text: [PDF\(85 KB\)](#) IEEE CNF  
[Rights and Permissions](#)

 Indexed by  
 Inspec
[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE –


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results

[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "( ( watermark&lt;in&gt;metadata ) &lt;and&gt; ( copyright&lt;in&gt;metadata ) )&lt;and&gt; ( document..."

e-mail

Your search matched 32 of 1428539 documents.

A maximum of 32 results are displayed, 25 to a page, sorted by Relevance in Descending order.

## » Search Options

[View Session History](#)[New Search](#)

## Modify Search

( ( watermark&lt;in&gt;metadata ) &lt;and&gt; ( copyright&lt;in&gt;metadata ) )&lt;and&gt; ( document&lt;in&gt;

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

## » Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[view selected items](#)[Select All](#) [Deselect All](#)

- ☒ **26. Non-noticeable information embedding in color images: marking and detection**  
 Vidal, J.; Sayrol, E.; Cabanillas, S.; Santamaria, S.;  
Security Technology, 1999. Proceedings. IEEE 33rd Annual 1999 International Conference on  
 5-7 Oct. 1999 Page(s):293 - 297  
 Digital Object Identifier 10.1109/CCST.1999.797927  
[AbstractPlus](#) | Full Text: [PDF\(344 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☒ **27. Combining digital watermarks and collusion secure fingerprints for copyright monitoring**  
 Dittmann, J.;  
Secure Images and Image Authentication (Ref. No. 2000/039), IEE Seminar on  
 10 April 2000 Page(s):6/1 - 6/6  
[AbstractPlus](#) | Full Text: [PDF\(648 KB\)](#) IEE CNF
- ☒ **28. Watermarking digital images for copyright protection**  
 Boland, F.M.; O'Ruanaidh, J.J.K.; Dautzenberg, C.;  
Image Processing and its Applications, 1995., Fifth International Conference on  
 4-6 Jul 1995 Page(s):326 - 330  
[AbstractPlus](#) | Full Text: [PDF\(408 KB\)](#) IEE CNF
- ☒ **29. Watermark embedding: hiding a signal within a cover image**  
 Barni, M.; Podilchuk, C.I.; Bartolini, F.; Delp, E.J.;  
Communications Magazine, IEEE  
 Volume 39, Issue 8, Aug. 2001 Page(s):102 - 108  
 Digital Object Identifier 10.1109/35.940048  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(1592 KB\)](#) IEEE JNL  
[Rights and Permissions](#)
- ☒ **30. Text document authentication by integrating inter character and word space watermarking**  
 Huijuan Yang; Kot, A.C.;  
Multimedia and Expo, 2004. ICME '04, 2004 IEEE International Conference on  
 Volume 2, 27-30 June 2004 Page(s):955 - 958 Vol.2  
[AbstractPlus](#) | Full Text: [PDF\(625 KB\)](#) IEEE CNF  
[Rights and Permissions](#)

- ☒ **31. On the robustness and imperceptibility of digital fingerprints**  
Ku, J.K.; Girod, B.;  
[Multimedia Computing and Systems, 1999. IEEE International Conference on](#)  
Volume 2, 7-11 June 1999 Page(s):530 - 535 vol.2  
Digital Object Identifier 10.1109/MMCS.1999.778540  
[AbstractPlus](#) | Full Text: [PDF](#)(440 KB) IEEE CNF  
[Rights and Permissions](#)
- 32. 'Print and Scan' Resilient Data Hiding in Images**  
Solanki K. ; Madhow U. ; Manjunath B.S. ; Chandrasekaran S. ; El-Khalil I. ;  
: [Accepted for future publication](#)  
Volume PP, Issue 99, 2006 Page(s):1 - 1  
Digital Object Identifier 10.1109/TIFS.2006.885032  
[AbstractPlus](#) | Full Text: [PDF](#)(3512 KB) IEEE JNL

Indexed by  
 Inspec®

[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE –


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

Search Results

[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "( ( watermark&lt;in&gt;metadata ) &lt;and&gt; ( copyright&lt;in&gt;metadata ) )&lt;and&gt; ( document..."

e-mail

Your search matched 32 of 1428539 documents.

A maximum of 32 results are displayed, 25 to a page, sorted by Relevance in Descending order.

## » Search Options

[View Session History](#)[New Search](#)

## Modify Search


☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

## » Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[Select All](#)
[Deselect All](#)

- ☐ 1. **A watermarking infrastructure for enterprise document management**  
 Cheung, S.C.; Chiu, D.K.W.;  
[System Sciences, 2003. Proceedings of the 36th Annual Hawaii International C](#)  
 6-9 Jan 2003 Page(s):10 pp.  
 Digital Object Identifier 10.1109/HICSS.2003.1174246  
[AbstractPlus](#) | Full Text: [PDF](#)(652 KB) IEEE CNF  
[Rights and Permissions](#)
- ☐ 2. **Managing copyright in open networks**  
 Piva, A.; Bartolini, F.; Barni, M.;  
[Internet Computing, IEEE](#)  
 Volume 6, Issue 3, May-June 2002 Page(s):18 - 26  
 Digital Object Identifier 10.1109/MIC.2002.1003126  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(643 KB) IEEE JNL  
[Rights and Permissions](#)
- ☐ 3. **Watermark: from paper texture to digital media**  
 Hiary, H.; Ng, K.;  
[Automated Production of Cross Media Content for Multi-Channel Distribution, I](#)  
[2005. First International Conference on](#)  
 30 Nov.-2 Dec. 2005 Page(s):4 pp.  
 Digital Object Identifier 10.1109/AXMEDIS.2005.50  
[AbstractPlus](#) | Full Text: [PDF](#)(344 KB) IEEE CNF  
[Rights and Permissions](#)
- ☐ 4. **A feature calibration method for watermarking of document images**  
 Amano, T.; Misaki, D.;  
[Document Analysis and Recognition, 1999. ICDAR '99. Proceedings of the Fift](#)  
[Conference on](#)  
 20-22 Sept. 1999 Page(s):91 - 94  
 Digital Object Identifier 10.1109/ICDAR.1999.791732  
[AbstractPlus](#) | Full Text: [PDF](#)(84 KB) IEEE CNF  
[Rights and Permissions](#)
- ☐ 5. **Watermarking for digital images**  
 Liu, R.Z.; Tan, T.N.;  
[Signal Processing Proceedings, 1998. ICSP '98. 1998 Fourth International Cor](#)  
 Volume 2, 12-16 Oct. 1998 Page(s):944 - 947 vol.2

Digital Object Identifier 10.1109/ICOSP.1998.770768

[AbstractPlus](#) | Full Text: [PDF](#)(280 KB) IEEE CNF  
[Rights and Permissions](#)

- ☐ 6. **Protecting ownership rights through digital watermarking**  
Berghel, H.; O'Gorman, L.;  
[Computer](#)  
Volume 29, Issue 7, July 1996 Page(s):101 - 103  
Digital Object Identifier 10.1109/2.511977  
[AbstractPlus](#) | Full Text: [PDF](#)(676 KB) IEEE JNL  
[Rights and Permissions](#)
  
- ☐ 7. **Document identification for copyright protection using centroid detector**  
Low, S.H.; Maxemchuk, N.F.; Lapone, A.M.;  
[Communications, IEEE Transactions on](#)  
Volume 46, Issue 3, March 1998 Page(s):372 - 383  
Digital Object Identifier 10.1109/26.662643  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(328 KB) IEEE JNL  
[Rights and Permissions](#)
  
- ☐ 8. **Multimedia watermarking techniques**  
Hartung, F.; Kutter, M.;  
[Proceedings of the IEEE](#)  
Volume 87, Issue 7, July 1999 Page(s):1079 - 1107  
Digital Object Identifier 10.1109/5.771066  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(1372 KB) IEEE JNL  
[Rights and Permissions](#)
  
- ☐ 9. **An SVD-based watermarking scheme for protecting rightful ownership**  
Ruizhen Liu; Tieniu Tan;  
[Multimedia, IEEE Transactions on](#)  
Volume 4, Issue 1, March 2002 Page(s):121 - 128  
Digital Object Identifier 10.1109/6046.985560  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(397 KB) IEEE JNL  
[Rights and Permissions](#)
  
- ☐ 10. **SpeechFind: Advances in Spoken Document Retrieval for a National Gall Spoken Word**  
Hansen, J.H.L.; Rongqing Huang; Bowen Zhou; Seadle, M.; Deller, J.R., Jr.; G Kurimo, M.; Angkititrakul, P.;  
[Speech and Audio Processing, IEEE Transactions on](#)  
Volume 13, Issue 5, Part 1, Sept. 2005 Page(s):712 - 730  
Digital Object Identifier 10.1109/TSA.2005.852088  
[AbstractPlus](#) | Full Text: [PDF](#)(1688 KB) IEEE JNL  
[Rights and Permissions](#)
  
- ☐ 11. **Digital text watermarking: secure content delivery and data hiding in digi**  
Qadir, M.A.; Ahmad, I.;  
[Security Technology, 2005. CCST '05. 39th Annual 2005 International Carnah;](#)  
11-14 Oct. 2005 Page(s):101 - 104  
Digital Object Identifier 10.1109/CCST.2005.1594854  
[AbstractPlus](#) | Full Text: [PDF](#)(4816 KB) IEEE CNF  
[Rights and Permissions](#)
  
- ☐ 12. **A combination of DCT-based and SVD-based watermarking scheme**  
Liu Quan; Ai Qingsong;  
[Signal Processing, 2004. Proceedings. ICSP '04. 2004 7th International Confe](#)  
Volume 1, 31 Aug.-4 Sept. 2004 Page(s):873 - 876 vol.1  
Digital Object Identifier 10.1109/ICOSP.2004.1452802

[AbstractPlus](#) | Full Text: [PDF\(231 KB\)](#) IEEE CNF  
[Rights and Permissions](#)

- ☐ **13. A robust soft hash algorithm for digital image signature**  
Lefebvre, F.; Czyz, J.; Macq, B.;  
[Image Processing, 2003. ICIP 2003. Proceedings. 2003 International Conference on](#)  
Volume 2, 14-17 Sept. 2003 Page(s):II - 495-8 vol.3  
Digital Object Identifier 10.1109/ICIP.2003.1246725  
[AbstractPlus](#) | Full Text: [PDF\(339 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
  
- ☐ **14. Content-based watermarking using image texture**  
Koppen, M.; Xiufen Liu;  
[Signal Processing, 2002 6th International Conference on](#)  
Volume 2, 26-30 Aug. 2002 Page(s):1576 - 1579 vol.2  
[AbstractPlus](#) | Full Text: [PDF\(327 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
  
- ☐ **15. An asymmetric watermarking scheme based on visual cryptography**  
Young-Chang Hou; Pei-Min Chen;  
[Signal Processing Proceedings, 2000. WCCC-ICSP 2000. 5th International Conference on](#)  
Volume 2, 21-25 Aug. 2000 Page(s):992 - 995 vol.2  
Digital Object Identifier 10.1109/ICOSP.2000.891692  
[AbstractPlus](#) | Full Text: [PDF\(424 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
  
- ☐ **16. A robust digital watermarking based on a statistic approach**  
Pei-Min Chen;  
[Information Technology: Coding and Computing, 2000. Proceedings. International Conference on](#)  
27-29 March 2000 Page(s):116 - 121  
Digital Object Identifier 10.1109/ITCC.2000.844193  
[AbstractPlus](#) | Full Text: [PDF\(912 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
  
- ☐ **17. Robust watermarking of still images for copyright protection**  
Barni, M.; Bartolini, F.; Cappellini, V.; Piva, A.;  
[Digital Signal Processing Proceedings, 1997. DSP 97., 1997 13th International Conference on](#)  
Volume 2, 2-4 July 1997 Page(s):499 - 502 vol.2  
Digital Object Identifier 10.1109/ICDSP.1997.628384  
[AbstractPlus](#) | Full Text: [PDF\(612 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
  
- ☐ **18. Proceedings of 3rd IEEE International Conference on Image Processing**  
[Image Processing, 1996. Proceedings. International Conference on](#)  
Volume 1, 16-19 Sept. 1996  
Digital Object Identifier 10.1109/ICIP.1996.559416  
[AbstractPlus](#) | Full Text: [PDF\(2268 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
  
- ☐ **19. A novel scheme for hybrid digital video watermarking: approach, evaluation and experimentation**  
Pik Wah Chan; Lyu, M.R.; Chin, R.T.;  
[Circuits and Systems for Video Technology, IEEE Transactions on](#)  
Volume 15, Issue 12, Dec. 2005 Page(s):1638 - 1649  
Digital Object Identifier 10.1109/TCSVT.2005.856932  
[AbstractPlus](#) | Full Text: [PDF\(936 KB\)](#) IEEE JNL  
[Rights and Permissions](#)



- ☐ **20. A perspective: the role of identifiers in managing and protecting intellect the digital age**  
Hill, K.;  
Proceedings of the IEEE  
Volume 87, Issue 7, July 1999 Page(s):1228 - 1238  
Digital Object Identifier 10.1109/5.771074  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(104 KB) IEEE JNL  
[Rights and Permissions](#)
- ☐ **21. Interword distance changes represented by sine waves for watermarking**  
Ding Huang; Hong Yan;  
Circuits and Systems for Video Technology, IEEE Transactions on  
Volume 11, Issue 12, Dec. 2001 Page(s):1237 - 1245  
Digital Object Identifier 10.1109/76.974678  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(205 KB) IEEE JNL  
[Rights and Permissions](#)
- ☐ **22. Locally optimum nonlinearities for DCT watermark detection**  
Briassouli, A.; Strintzis, M.G.;  
Image Processing, IEEE Transactions on  
Volume 13, Issue 12, Dec. 2004 Page(s):1604 - 1617  
Digital Object Identifier 10.1109/TIP.2004.837516  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(536 KB) IEEE JNL  
[Rights and Permissions](#)
- ☐ **23. Optimal watermark detection under quantization in the transform domain**  
Briassouli, A.; Strintzis, M.G.;  
Circuits and Systems for Video Technology, IEEE Transactions on  
Volume 14, Issue 12, Dec. 2004 Page(s):1308 - 1319  
Digital Object Identifier 10.1109/TCSVT.2004.836753  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(552 KB) IEEE JNL  
[Rights and Permissions](#)
- ☐ **24. A Block-SVD Based Image Watermarking Method**  
Zude Zhou; Bing Tang; Xinhua Liu;  
Intelligent Control and Automation, 2006. WCICA 2006. The Sixth World Cong  
Volume 2, 21-23 June 2006 Page(s):10347 - 10351  
Digital Object Identifier 10.1109/WCICA.2006.1714029  
[AbstractPlus](#) | Full Text: [PDF](#)(312 KB) IEEE CNF  
[Rights and Permissions](#)
- ☐ **25. A novel content preserving watermarking scheme for multipectral image:**  
Kbaier, I.; Belhadj, Z.;  
Information and Communication Technologies, 2006. ICTTA '06. 2nd  
Volume 1, 24-28 April 2006 Page(s):322 - 327  
[AbstractPlus](#) | Full Text: [PDF](#)(1752 KB) IEEE CNF  
[Rights and Permissions](#)